

# THE ANCHORAGE ARC

## ANCHORAGE AMATEUR RADIO CLUB, INC

P. O. BOX 1987 ANCHORAGE, AK 99510

344-2835

FEBRUARY 1980

### CALENDAR:

FEBRUARY 1	REGULAR CLUB MEETING- AUDITORIUM-UNIVERSITY OF ALASKA CONSORTIUM LIBRARY, 7 P.M.
FEBRUARY 12	POLAR AMATEUR RADIO KLUB OF ALASKA (YL)-GRANDVIEW GARDENS LIBRARY-7:30PM
FEBRUARY 13	U OF A TECH & GENERAL CLASSES BEGIN-FT.RICH-WILSE MORGAN, KL7CQ- INSTRUCTOR
FEBRUARY 15, 16, 17	--FUR RENDEZVOUS DOG RACES-SEE ARTICLE IN NEWSLETTER
FEBRUARY 15	MONTHLY SOCIAL-TIME AND PLACE TO BE ANNOUNCED
FEBRUARY 21	BOARD MEETING-MOUNTAIN VIEW LIBRARY-7 P.M.
FEBRUARY 23	PARKA NOVICE CLASSES BEGIN FOR WOMEN
MARCH 1	IDITAROD BEGINS

This month's newsletter is being mailed to every licensed amateur in the Greater Anchorage area. We hope you will take the time to read it through--find out what's going on in the amateur community--then come out and join us. We have a lot of fun as well as providing service to the community. A membership form is included as well as information on projects for 1980, the 1980 budget, the 1979 financial statement, and news from our President, Fred Wegner, KL7HFM, who is also the ARRL SQM for Alaska.

### 1979-1980 Officers & Board of Directors

President	Fred Wegner, KL7HFM	Board Members:	Mike Barbarick, KL7IXT
Vice President	Deanna Barbarick, KL7IZJ		John Bierman, KL7GNP
Secretary	Dave Zugsberger, KL7FO		Herb Brasseur, KL7JIG
Treasurer	Betty Rhodes, KL7AP		Dave Cloyd, KL7M
Activities Mgr	Dave Lawrence, KL7HAB		Bob McKinnie, KL7JKG
Trustee	Bill Reiter, KL7ITI		Sue Michael, WL7ABK
			Harley Steward, KL7IZZ
			Steve Norrell, KL7IYX
			Wilse Morgan, KL7CQ

### REPEATER DIRECTORY

REPEATER	LOCATION	FREQUENCY	CONTROL
KL7AA UHF	Rabbit Creek	444.7/449.7	AARC
KL7AA VHF	Government Hill	146.34/146.94	AARC
WR7ACT	Site Summit	147.90/147.30	CD/AARC
KL7EKB*Phone Patch	Jewel Lake & Dimond	146.16/146.76	KL7EKB
WR7AFM	Palmer	146.04/146.64	KL7DOB
KL7AA	Minchumina Link to Fairbanks	146.22/146.82	AARC/KL7IKK/ KL7IS/ArcticARC
KL7JFU	Big Lake	146.25/146.85	Mat. Val Club
WR7IEJ	Kenai	146.28/146.88	Moosehorn ARC

### NETS

Anchorage Emergency Net	Weekly/Thursday	8 p.m.	147.90/30
Alaska Pacific Net	Mon - Fri	8 a.m.	14.292
Alaska Bush Net	Daily	6:30-8:30 p.m.	7.250
Sourdough Net	Mon - Fri	6:30 p.m.	3.915
Sea Saw Net	Daily	4:30 p.m.	3.900
Sniper Net	Daily	6:00 p.m.	3.920
Grubstake Net	Daily	9:00 p.m.	3.940
Alaska Iditarod Net	Saturday	10:00 a.m.	28.849
DX Association Net	Sunday	8:00 p.m.	3.895

## "THE 292'er"

Published monthly by Tom and Mary Moore, KL7Q and KL7P, through the cooperation and assistance of the Alaska Division of Emergency Services (ADES) as an informative service for those HAMS in Alaska and the Pacific North West who actively support the Alaska Pacific Civil Preparedness Net and our State's Radio Amateur Civil Emergency Service (RACES) program.

February 1980 marks the second anniversary of "THE 292'er". Last month, I gave credit to Clyde Bloker, KL7IBY and Col Ed Newbury down at ADES for their continued active support of the 292'er, the Alaska Net and the States RACES program, so I won't blubber over them any more this month.

I'm in hot water with our RACES State RO, Hal Steves KL7HJD, because I keep forgetting to mention the 4383.8 USB State Emergency frequency. So, to redeem myself, here goes. The FCC has set up frequency 4383.8 USB to be used by all licensed radio stations (except CB) in the State of Alaska as a ground-to-ground (aircraft may not use it) emergency frequency. Input Power is limited to about 250 watts - no Linears! Use of the frequency is limited strictly to radio checks and, of course, any emergency traffic. Now, ADES monitors the frequency from 1800Z to 0300Z every day and conducts a Net at 2000Z each day to check participant capability. Organizations such as the State Troopers, National Guard, Nome Alascom etc check in regularly. In the evening hours, Klus ANG monitors the frequency and has another Net at 0500Z for participants who are unable to check-in during the morning net. Now, its not too hard to get on the frequency. The FCC says we gotta be crystal controlled. From personal experience, all ya gotta do is order up yerself a crystal using your set's formula for the frequency. Your radio might require just a bit of tweak and peaking to get the power up on frequency without loosing it down in the 75 mtr band, but I know its pretty darn simple to do with Yaesu's and Kenwoods. Oh yes, I forgot to mention also, that this service is only for Alaskan stations, not to exceed 50 miles beyond Alaskan borders.

Our old friends Candy and Jack Kvale, KL7HMG and KL7GOG have moved to a logging site on Wrangell and just recently got back on the air after almost a year's absence. Welcome back you guys!

As some of you might have noticed, Cliff WA6BKY, Steve KL7IYX, Bill KL7JFZ and a few others have been doing a heck of a job running Alaska traffic on the weekends - and now they say "HELP" they need some help. So come on you Alaska Hams, get active in "Net Controlling" and take a stab it on Sat's and Sun's. Mary says that she'll even relinquish a few days during the week to someone who wants to run the net then, especially since we've been subjected to such high noise levels lately. Any takers??

Any body running into emergency traffic on the net frequency - hang in there - don't be QSYing just to get away from the net. Tell the net to SHUTUP and keep the activity right there so's you can get help relaying etc when necessary. Everyboyd means well on the net, so don't let somebody's stupid remarks upset you. Hang in there, we all appreciate you more than you know.

Send a card to Helen Gibson K7UJV who recently had an accident and evidently suffered a cracked hip. OOOH, I know that must hurt, Helen. Hurry and get well soon, we miss you.

73 to all,

Tom & Mary KL7Q/KL7P

ALASKA SECTION COMMUNICATIONS MANAGER (ARRL SCM)

HELLO, GREETINGS, ETC.,

The Age-worn adage "A new broom sweeps clean" will probably be quoted by many, and so be it; We are trying to start out with a "clean sweep" in this ARRL business here in Alaska. Since Fairbanks and Southeastern have felt neglected for some time in ARRL matters, we have tries to alleviate that right off the bat. Al Weber, KL7AG, in Fairbanks and Hank Prentiss, KL7IBG in Ketchikan have been appointed Assistant SCM. They will be selecting the various officials for appointment in their areas. Walt Pierce, KL7EWQ, has been appointed SEC and he is imminently qualified. For those of you who don't know, Walt is a Communications Engineer with the State of Alaska and he has such notables as Herb Holeman, WL7BIL, and Ed Lochrie, KL7ED, as compatriots. Where can you find so such a small group of professionals who have so much knowledge of communications? Walt soes not really need it, but you can bet they will be behind him all the way. Walt will be calling upon many of you to fill ARES/RACES, Asst. SEC and EC positions. KL7JDR and KL7IYE have been appointed and EC and Alternate EC for Kenai/Soldotna.

Mary, KL7P, has been apponted as Section Traffic Manager. The position of STM is relatively new to the ARRL Communications Department since it's only been around a few years, but nonetheless, it's a heavy position. Who in our midst is a more prolific traffic handler than Mary? Well, she has a big job. She will assist in traffic routing, scheduling and handling. She will compile the monthly traffic reports and region net reports. So, feed her all your traffic info.

Tony, KL7AF in Kodiak will continue as Official Bulletin Station, and there is room for several more. Ther has already been one Official Observer-VHF appointed and more to come. We need some of our VHF enthusiasts appointed as OVS-Official VHF Stations.

Chuck, the Happy Old Vagabond (KL7HOV) will continue as Net Manager for the Popular Sniper's Net. We want to see the other nets officially recognized also, so look out you Sourdough Netters, Bush Netters, See-Sawyers, and DXers; you will also be contacted for appointments in the very near future.

Well, that about wraps it up from your ARRL SCM for now. Let me hear from you.

Fred, KL7 Happy Fat Man

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FOR SALE

(ONE FREE AD PER MONTH FOR CLUB MEMBERS)

FOR SALE -- BRUCE MILLS, KL7JDR 262-4373 \$675.00 OR DICKER  
YAESU FT-101-E WITH 600 AND 250 CYCLE WE FILTER AND RECEIVE PREAMP.  
DIGITAL COUNTER, MIC & TUBES. ALL FOX TANGO CLUB NEWS.

SALE----MIKE, KL7ILA, PALMER 376-5554 -----LINEAR AMPLIFIER - 4-1000 VACUUM VARIABLE  
POWER SUPPLY, 2 SPARE TUBES, SPARE VARIAC \$650.00

YAESU FT 101B - \$575.00

NEVER USED -- MODEL 1800 190CM CROSS COUNTRY BONNA WAX-TYPE SKIS-CABLE BINDING.  
CALL BETTY, KL7AP, 344-1257 OR 34/94 \$45

# SALE

## DRAKE TR7/DR7

### \$1200

Regularly: \$1395

As we enter the decade of the '80's, all of us at Amateur Radio Supply Company want to express our appreciation to you, our valued customer, for your patronage, which has made possible our service to you these past 24 years! We expect to continue offering the widest selection of parts and equipment in the Pacific Northwest for at least another quarter-century. 73

	WAS	NOW
CDE AR-22XL Rotor	\$ 69.95	\$ 59.95
CDE HAM IV Rotor	179.95	159.95
SWAN TB-3H Tri-Bander	219.95	189.95
SWAN TB-4H Tri-Bander	279.95	249.95
HY-GAIN 18HT Vertical	359.95	310.95
HY-GAIN TH3Mk3 3 Band	229.95	199.95
HY-GAIN 402BA 40 Meter	239.95	109.95
HY-GAIN 204BA 20 Meter	249.95	219.95
HY-GAIN HyQuad	274.95	239.95
KENWOOD VFO-120	159.95	139.95
KENWOOD VFO-820	175.00	149.95
A.E.A 2 Meter Isopole	49.95	39.95
TEN-TEC 574 Century 21	449.00	395.00
TEN-TEC 243 VFO—Omni	139.00	119.00
KENWOOD PS-6 Supply	79.00	69.95
MMK-7 Mobile Mt for Drake	49.95	39.95

# SPECIALS:

	WAS	NOW
KENWOOD TS-180 w/DFC	\$1149.98	\$ 1000.00
KENWOOD SP-180 Speaker	69.95	59.95
ATLAS 210X w/Console	949.00	675.00
DRAKE R7/DR7 Receiver	1295.00	1100.00
DRAKE PS 7 Pwr Supply	249.00	219.00
KENWOOD VFO-180	179.95	159.95
DRAKE T4XC Transmitter	699.00	599.00
METRON MA-1000B Linear	845.00	695.00
KENWOOD TL-922A Linear	1199.00	1075.00
PACE COMM I Hand-held	230.00	179.00
CUSH-CRAFT ATV-4 Ant.	99.95	79.95
CUSH-CRAFT ATV-5 Ant.	109.95	99.95
KENWOOD VFO-700S	129.00	99.00
ALUMA T-40H Tower 40 ft.	595.00	499.00
ALUMA T-50H Tower 50 ft.	\$ 759.00	639.00
AN-123 12ga Copperweld	10.90	9.95

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

206-767-3222

# BUY THIS

TEN-TEC OMNI D

## \$1000

Regularly: \$1119

# SALE

ICOM IC 551D

POWER Supply Included

## \$769

Regularly: \$859

AMATEUR RADIO SUPPLY CO.

6213 13TH AVENUE SO.  
SEATTLE, WASHINGTON 98108

# 1980 DUES ARE NOW DUE

Anchorage Amateur Radio Club 1980 dues are now due. Please fill in the membership card below and bring to the next club meeting, February 1, 1980, U of A Consortium Library, Auditorium, 7 p.m., or mail to the Club address, P. O. Box 1987, Anchorage, AK 99510.

The dues are the same as they have been for many years. Inflation may get to us, so join up now at the rates of \$6.00/single member, \$8.00/family membership, \$3.00/full-time student.

In Case you wonder what the money is spent on, the 1980 Budget, as approved by the general membership on 1-4-8-, is attached. As you can see, membership expected income is \$1500, Newsletter costs are about the same, \$1500, so the \$6.00 dues just cover expenses of getting the Newsletter to each member. All other budgeted expenses come from proceeds of raffles flea markets, donations, and savings.

!!!JOIN UP NOW AND KEEP UP-TO-DATE ON ANCHORAGE AMATEUR RADIO CLUB ACTIVITIES!!!!!!!!!!!!!!

YUKON RADIO SUPPLY IS EXTENDING A DISCOUNT ON PURCHASES TO CLUB MEMBERS-SHOW YOUR CLUB CARD

If you are active on 2 meters you have probably noticed the proliferation of repeaters in the Anchorage area. If you aren't on 2 meters then you probably aren't aware of the various repeaters either owned by or maintenance sponsored by the Anchorage Club.

147.90	147.30	Civil Defense/ARES/RACES location, Site Summit
146.34	146.94	AARC/soon to be moved to 36th & New Seward-ALASCOM Bldg
146.22	146.82	AARC/KL7IKK/KL7IS/ Arctic ARC - Several repeaters for the
147.96	146.01	Fairbanks-Minchumina Link

These are all open repeaters with access available to any amateur. The 90/30 does require a sign-up card for emergency services with Civil Defense-see Dave Olson, KL7K. To help defray the expenses incurred we do have a REPEATER FUND which is open to all donations from amateurs who would like to participate.



# AMATEUR RADIO



## GENERAL CLASS LICENSE

The University of Alaska is offering a 3 unit course for obtaining a General or Technician Class Amateur License. This semester two class locations are offered. One class will be taught at the Chugiak High School, and one class will be held at Ft. Richardson.

ET-194 ELEMENTARY ELECTRONIC FUNDAMENTALS

(HAM RADIO)

3 UNITS

The Chugiak class will meet on Tuesdays from 1900 to 2200 Hrs. in Chugiak High School beginning January 29, 1980.

The Ft. Richardson class will meet on Wednesdays from 1830 to 2130 Hrs., at a designated location on Ft. Richardson, beginning February 13, 1980.

### REGISTRATION:

Registration is now open. If you plan on taking the course sign up early. The classes will be limited in size. Call SAM at 694-3313, Eagle River College Center, for registration information.

## JANUARY ROSTER UPDATE

### ADDITIONS

FULLER, VICKIE  
8620 Kathleen Dr  
Anchorage, Alaska 99502

Home 243-7391

HANSEN, ROGER  
2628 Turnagain Pkwy  
Anchorage, Alaska 99503

KL7HFO/WA7FHX  
Home 243-2221

Life ARRL

HEATH, JASPER  
Box 6526  
Anchorage, Alaska

KL7MD  
Home 349-6146

JANSON, LOVE E.  
SRA 1414 L  
Anchorage, Alaska 99502

Home 349-5872  
Work same

JOHNSON, DENNIS M.  
P.O.Box 795  
Chugiak, Alaska 99567

KA7BC  
Home 688-3035  
Work 688-2141

ARRL

LATHAN, FREEMAN L., Jr  
P.O.Box 8004  
Anchorage, Alaska 99508

KL7CXB  
Home 337-1002

MITCHELL, HARRY R  
2200 Vanderbilt Cir  
Anchorage, Alaska 99504

KL7CWY  
Home 277-6972

SMITH, JIM  
5717 N.E. 56th  
Seattle, Wash 98105

KA7APJ

STENARD, ARLENE  
Box 367 SRA  
Anchorage, Alaska 99507

Home 344-6548  
Work 349-4402

TUCKER, JULIA  
TUCKER, WARREN A.  
221 E. 7th Ave #105  
Anchorage, Alaska 99501

KL7CL  
Home 277-5101  
Work 274-8611

### CHANGE CALL SIGN

MABEUS, LAVERLE

Old : WA9JVC  
New : WL7AJM

### Change Telephone

PAPAS, CONSTANTINE "DINO"

Work 862-1200

GIVE ANY CHANGES TO ROSTER TO MARY KL7P ON 90/30 OR TELEPHONE 753-9400.

# PUBLIC SERVICE - AARC

The Anchorage Amateur Radio Club is not a small operation any longer as can be seen by our 1980 budget and financial statement. This year we will have eleven major club activities including Flea Market and Novice Classes. One of the basic reasons there are amateurs is because we perform a certain amount of public service work. We will have nine public service projects this year which includes both community and charitable events. The cost to the club for these public service events will be approximately \$1,100. Why not take time to look over this program and see where you fit in. There is something for everyone. You can increase your operating and technical skills while helping out your community.

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## FUR RONDY 1980

Our first event of the year is almost upon us. Fur Rondy this year will be bigger and better than ever. We had lots of people wanting to help this year so we have two new check points for a total of 20. Bill Reiter, KL7ITI, is the chairman and Wilse Morgan, KL7CQ, is co-chairman.

### \*\*\*\*\*CHECK POINTS\*\*\*\*\*

NUMBER	LOCATION	FRIDAY FEB 16TH	SATURDAY FEB 17TH	SUNDAY FEB 18TH
1 & 20	4TH & CORDOVA	WD6DCV	WD6DCV	KL7L
2 & 19	9TH & CORDOVA	KL7JFV	WB7DTB	WB7DTB
3 & 18	15TH & CORDOVA	K3CKC	K3CKC	K3CKC
4 & 17	GAMBELL	KL7BC	KL7BC	KL7DN
5 & 16	LAKE OTIS	KL7DN	KL7222 (ARLENE)	KL7JKG
6 & 15	GOOSE LAKE	KL7JAI	KL7JAI	KL7JAI
7 & 14	TUDOR RD	KL7ITI	KL7ITI	KL7ITI
8	BASHER RD-OUT	WL7AGU	WL7AGU	WL7AGU
9	CHUGACH FOOTHILLS	NL7C	NL7C	NL7C
10	OILWELL RD	KL7FS	KL7FS	KL7FS
11	BACK TRAIL	KL7IWC	WL7AJM	WL7AJM
12	BASHER RD.-IN	KL7JIG	KL7JIG	KL7JIG
13	NATIONAL GUARD	KL7JCF	KL7GQ	KL7GQ

\*\*\*STANDBY - KL7DU AND KL7K, KL7P, KL7Q

THE 34/94 REPEATER WILL AGAIN BE USED THIS YEAR. IF YOU WOULD LIKE TO HELP ON A CHECK POINT CALL THE HAM WHO IS LISTED AND GO WITH HIM OR HER. NET CONTROL WILL BE KL7AA AT THE START/FINISH LINE. WILSE, KL7CQ, BETTY, KL7AP, PATTI, KL7L, AND DYANNE, KL7FV WILL BE AT THE START/FINISH LINE TO RECEIVE YOUR DOGGIE MESSAGES.

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The AARC newsletter is intended to let all members know what HAMS in Anchorage are doing; social and public service activities. For two years, Lucy Hilpert, KL7LH, had been editor, publisher, copy writer, and general GO-FER for this newsletter. We are all very appreciative of Lucy's hard work and dedication. If you have anything to contribute, let her know by way of 16/76, the club phone, 344-2835, or her home phone, 349-4891.

## PUBLIC SERVICE

### "There's A Hitch To It"

"OK OK, you like public service events. Me, my bag is DXing and rag chewing. Heck, HAM radio is a hobby with me, not a job. Common, remember there's other things to ham radio like Slow Scan, EME, Satellite, RTTY, etc. Public service events means work, man."

Sounds familiar, huh? Well that's all well and true. But lets take a look at this "hobby" of ours. You licensed HAMs are all familiar with the FCC rules and regs, right? Oh yea, you often go tooling through the regs trying to confirm or prove a point, one way or another. But take another look, and this time start from the beginning, at Subpart A, General, under the heading "Basis and Purpose". The very first item listed is, "Recognition and enhancement of the value of the amateur service to the public as a voluntary non-commercial communications service".

"What does that mean?" you say. Well, to me, it means that in return for the privilege of being able to operate my equipment as a hobby, that I owe, to the public, my efforts in attempting to provide a communication service, particularly with respect to emergency communications.

"Well heck, man, you know that I and my equipment are always available for real emergencies. But I ain't got time to be playing games with exercises and rinky dink events or message handling and all that junk. It's just a hobby, man, whatdaya want outa me anyway?" It's all so familiar. Like the ex runner who thinks he can still run as fast, a year later; Like the football player who claims, a year later, he's in top shape; Like an army going to war or a HAM who calims he's always ready - All without recent or even recurring training! CHICKEN FEATHERS! Nobody ever did anything well without first preparing for it.

"Well, I worked hard for my ticket and that makes me a trained radio communicator." CHICKEN FEATHERS, again. You learned enough technical skill and rules and regulations knowledge to enable you to pass a written test.

"OK OK", you say, "What do you want me to do? I don't know where to start and I certainly don't want to jump in over my head, nor be left holding the bag." Now that one is really familiar. We're starting to get down to the nitty gritty, now. The problem is, that too many of us look at it just like that. How many times have you heard that ole comment, "I guess I'm the stuckee for this #@%\$ deal this month". Those of us who talk like that serve only to "turn off" potential good people who want to become involved but who don't want to feel like they're being used.

Our club, by virtue of decisions by you, the members, is involved, on an annual basis, in just about one major public service event per month: Fur Rondy, Iditarod, Flea Market, Walk for Hope, Mother's Day, Field Day, Trooper's Marathon, Resurrection Trail Run, AAC Arts Fair, SET, etc. And ya know, invariably its the same people who always volunteer and do most of the work. Why don't you make a late New Year's resolution to get involved in your club's activities? Besides having fun with others at our hobby, there's also a lot of personal satisfaction to be had from your part in providing that public service.

A very wise person once wrote: With his thumb, a hitchhiker says "you furnish the gas, car, attend to the repairs and upkeep, supply the insurance and I'll ride with you. But if you have an accident, I'll sue you for damages". It sounds pretty one-sided but it makes you wonder how many hitchhikers there are in many organizations and, yes even our HAM club. "You go to the meetings, serve on the boards and committees, do the paper work, study the issues, contact the legislators and take care of things that need doing and I'll go along for the ride. If things don't suit my fancy, I will complain, criticize and probably get out and hitchhike to another group"

HITCHHIKER OR DRIVER . . . . WHICH KIND OF MEMBER ARE YOU?

73,

Tom, KL7Q

P.S. There's an ulterior goal to everything!! We still have Iditarod Trail Checkpoints open and we're going to need lots of volunteers to man our Anchorage Ham Headquarters. Sign up at the February Club meeting!

#### FROM THE PRESIDENT'S HAM SHACK . . . . .

Well, here we are at the beginning of a New Year of activities, meetings, socials, etc. and it promises to be a very happy and active year. With the Iditarod preparations going full steam ahead, we can now start thinking about the Anchorage Fur Rendezvous. Traditionally, we have been the main source of communications for the Dog Races, and this year should be more of the same. And of course we will support the Walk for Hope, as usual, but after last year what will we do for an encore? (Remember MOOSE-NOSE Morgan). Mother's Day should give our TCA Net a workout. And how about Flea Market? We should have a real bang-up affair this year. Think of all that recent vintage solid state stuff. After all, last year was the "Year of the Boat Anchor", so thank goodness we won't see that stuff again. HAH, wanna bet?? and Field Day, no, I don't mean KL7Field Day (who has a new toy), I mean the June Field day. We had a swinging success last year, so let's beat'em this year. And I will be relieved to see Field Day over; because that's when we will have elections. So....speaking of elections....all you politicians get your best platform planks ready. Who will it be???? Well, at least that cover the next six months or so.

73 for now,

Fred, KL7HFM

KL7HJD got a hair cut by a lady barber. KL7JKE wishes he had a hair to get cut.

# ANCHORAGE AMATEUR RADIO CLUB, INC. 1980 OPERATING BUDGET

Approved by General Membership, January 1980

## ANTICIPATED REVENUES 1980

Membership Dues	\$1,500	
Flea Market	<u>2,000</u>	
		\$3,500

## APPROVED EXPENDITURES:

Telephone		450	
Newsletter & Printing		1,500	
Hospitality		150	
Activities:			
*Rondy	50		
*Iditarod	250		
*Mother's Day	10		
Field Day	375		
*Arts Fair	50		
*Troopers' Marathon	250		
*Resurrection Pass			
Trail Marathon	10		
*Walk for Hope	25		
Christmas Party	250		
Amateur Radio Week	50		
Ham of Year	<u>65</u>		
		1,410	
Legal		20	
Donations:			
*Iditarod	200		
*Walk for Hope	200		
*Salvation Army	100		
AMSAT	25		
Public Comm. Found.	25		
Other	<u>100</u>		
		650	
Equipment Purchase & Maintenance		200	
P. O. Box Rent		40	
Site Rental (Minchumina Link)		120	
Refreshments		60	
Insurance:			
Liability	300		
ARRL	<u>50</u>		
		350	
Classes		250	
Miscellaneous		<u>50</u>	
			<u>\$5,250</u>

Net Operating Loss--(\$1,750)

\* Public Service Activities Total \$1,170

These figures are for an operating budget. Funds will not be spent unless needed. Amounts budgeted for each item will not be carried forward to the next year if not spent. A new budget is proposed and voted on each year. This is the second operating budget for the Anchorage Amateur Radio Club and reflects to a great deal what we actually spent last year. For the accurate breakdown of 1979 expenses and income see another page in this newsletter for the 1979 Financial Statement.

ANCHORAGE AMATEUR RADIO CLUB, INC. -- 1979 ANNUAL FINANCIAL STATEMENT

Balance - Cash on hand 1-1-79  
 Checking account \$2,037.51  
 Savings account 4,321.15  
 Repeater Fund 370.13  
**Total \$6,728.79**

Respectfully submitted by  
 Betty Rhodes, KL7AP, Treasurer

**INCOME:**

Saving Acct. Interest 275.25  
 Membership-Club Dues 1,607.00  
 ARRL commission 30.00  
 Flea Market (Net) 1,764.15  
 Classes - Novice 281.33  
 Donations 150.00  
 Patches-Income '79 225.00  
 REPEATER DONATIONS 115.00

**Total 1979 4,332.73**

**\$11,176.52**

**EXPENSES: General**

Telephone & Yellow Pages 661.37  
 Newsletter & Printing 1,255.20  
 Hospitality 112.50  
 Activities 465.00  
 Legal 124.41  
 Donations 425.00  
 Equip. Purchase & Maint. 277.14  
 Site Rental 360.00  
 P O Box Rent 40.00  
 Refreshments 60.00  
 Insurance 224.00  
 Bkpng, etc Supplies 84.17  
 Belt Buckle Order (Net) 28.21

**4,117.00**

**Repeater Fund:**

Freight =Duplexer 34/94 46.30  
 Harness- 90/30 48.60  
 Crystal- 147.96 13.00  
 Rental tool-90/30 install 27.50  
 Replacement tower 34/94 30.00  
 Crystal order net 90/30 3.28

**168.68**

**Total Expenses 1979 4,285.68**

**BALANCES- CASH ON HAND 12-31-79**

Checking Acct \$2,677.99  
 Savings Acct 3,896.40  
 Repeater Fund 316.45

**\$ 6,890.84**

**\$ 6,890.84**

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**1979 FINANCIAL REPORT- RAFFLE ACCOUNT - TWO RAFFLES HELD 1979**

Ticket Sales: 1) 2,000.00 2) 2,415.00 ----- **\$4,415.00**

Expenses: Checks printed& bank stamp - 16.49

Tickets Printed 1)40.00 2) 104.40= 144.40

Permit Fee 20.00

1% State Revenue Return 16.85 197.74

Cost of Prizes: 1) 1,149.00

2) 1,400.00

**2,549.00**

**Total Proceeds \$1,668.26**

**PROCEEDS DEDICATED:**

Air Fare- PARKA \$553.30

Emergency Generator 359.00

\$912.30 + Balance \$755.96 to be used for purchase and maintenance of emergency communications equipment

# RADIO IDITAROD

## THE OTHER PART

Tell boys and girls...here it is...the moment you've all been waiting for. The unveiling of the Iditarod Special trail antenna and moose garotte. Actually, this thing's so simple I'm surprised I was able to put it together.

Here's what you need: 120 feet of wire - #14 will do nicely  
15 feet of nylon cord -  $\frac{1}{4}$  inch  
1 barrel type insulator  
4 alligator clips  
2 hours (approx.)

The first thing you need to do is belt down a beer or Coke to steel yourself for the monumental task ahead. Then assemble the 20 meter dipole first using the  $468/\text{freq. in mhz}$  formula to determine the length. In this case the length of each leg is 16'6". This distance is measured from the hole through which each leg is tied to the center insulator to the end of the wire including the loop you'll put in the end of each leg. Make sure the loop is secure because there'll be a lot of tension on it. Your 20 meter section is now complete (resonant frequency 14.292). Time for a beer.

Next, take your nylon cord and cut two sections just over 3 feet long each. You need to make them longer than three feet because you'll be looping both ends and the loops must be added to the total length. Tie one end of your cord to the loops you have made in the 20 meter dipole. The other end gets looped and tied to another length of wire. We are now ready to build up the 40 meter section. Make sure your cord length is exactly 3 feet loop to loop on each leg of the antenna. To get the 40 meter antenna completed, add 13 feet of wire to each leg. This length again is measured loop to loop. Loop and tie one end through the cord already attached to the 20 meter dipole. Loop the other end of each 13 foot wire. Now prepare the remaining nylon line exactly as you did the first pair, and attach them to the 40 meter sections you have just completed the same as before. To the free ends of each leg add 24'6" of wire to each leg and loop the ends. This completes the major portion of the antenna. All you need to do now is attach jumper wires to the outboard ends of the spacers (see diagram) long enough to barely make up the space, attach alligator clips to the free end and there you are. To operate 20 meters (14.292) simply disconnect all clips. To operate 40 (7.250), connect the innermost set of clips and leave the outer clips disconnected. To operate 75 (3.940) connect all the clips. The antenna is designed to be operated from a height of about six feet. You'll need to really cinch down the support halyards to eliminate sag and therefore the loops you make have got to be strong. Also, supporting the center might help. Feed it with RG58 and wrap the whole thing around a coffee can to transport. That's it...and it works. I had great results on 20 with the antenna only three feet above the ground. Worked the Papuli Net on 40 the same way and S-9 in Juneau, Nome and Fairbanks on 75.

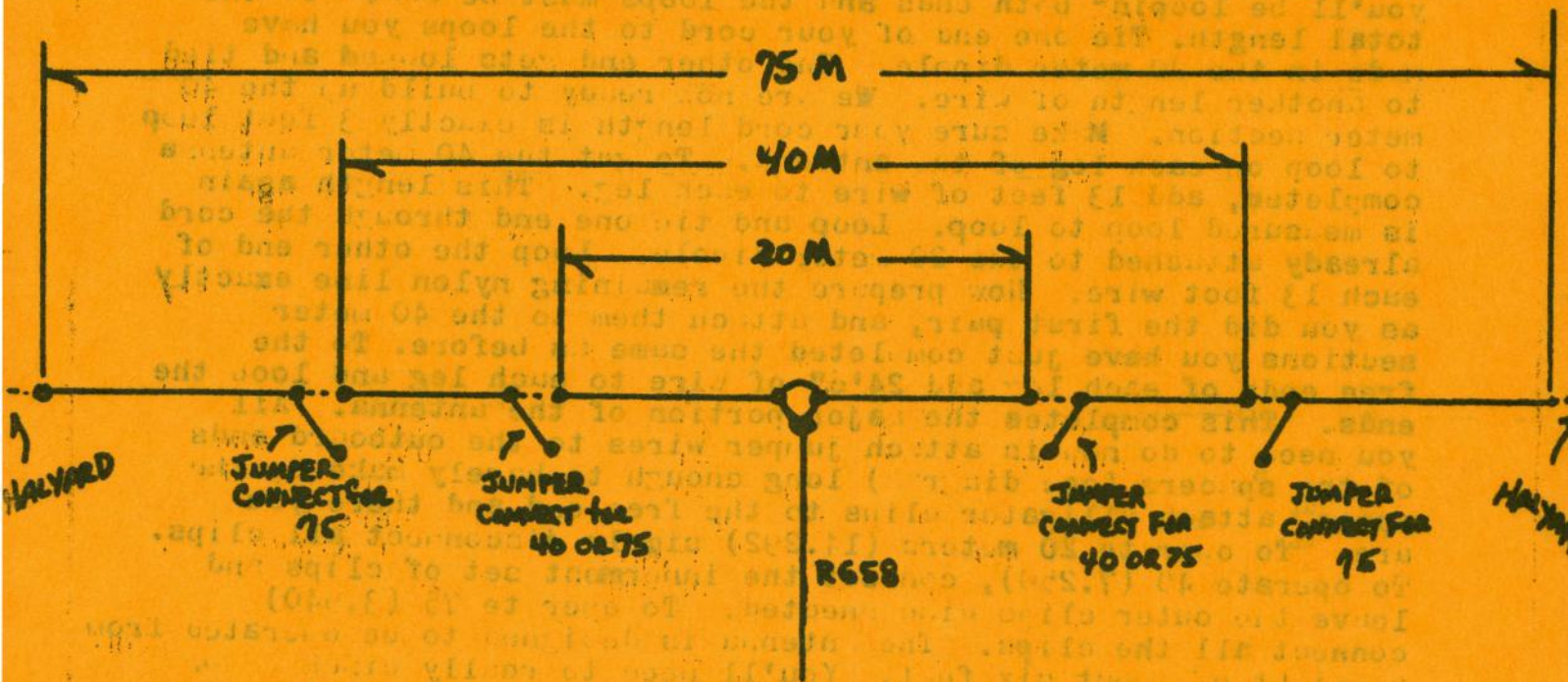
The antenna obviously displays some ground characteristics. The higher it is the happier it is. But keep it at a distance where you can change bands without having to take it down. That's the whole idea. We'd like everyone going out on the trail to use this type of antenna. It's reliable and very portable. An that's what we need. Due thanks and recognition for this inspirational piece of gear goes to Mike Barbarick KL7IXT who has to fly all that extra weight around during the race and also decided he didn't want to smoke the 120 again.

A bit of unrelated info. Packets for checkpoint operators will be handed out shortly after we compile the list of operators etc. You will receive the equipment list the night of the meeting when you sign up. Folks staying in Anchorage, remember, anybody will be able to operate net control (Radio Imitator). So grab the dog, mom, dad, the little old ladies and sign up. Shifts at ADES will be 7:30AM - 1130AM, 1130AM - 330PM, 330PM - 730PM, and 730PM to 1130PM daily. We start on the half hour because we'll be passing dog traffic on the hour and don't want to be changing guard then. There will be three complete stations operating at the same time on the three bands. We'll need at least two operators plus the control operator for each shift.

We have also been meeting with Bill Hutchinson about the computerization of the race. He has devised a system which we will describe at the meeting, but rest assured it is an incredible information system which will tell us automatically if there's trouble on the trail and just what's going on where.

73.

Chip, KL7IUI



# POLAR AMATEUR RADIO KLUB OF ALASKA (PARKA) (YL'S & XYL'S)

POPULAR PARKA PAGE for PARTICULAR PEOPLE

PARKAS are going to have a novice class for gals interested in getting a novice ticket. It will be held Saturdays beginning Feb. 23. For information call Lucy 349-4891 or any PARKA.

PARKAS ARE PROVIDING HOME BAKED STUFF FOR THE BIG CLUB MEETINGS. We are doing this as a fund raising thing and do appreciate the donations left. If you like the home baked style as against boughten stuff please continue to make generous donations. If we find it is not appreciated we will find another fund raising project and restore the purchased cookies.

PARKAS are also making the popular AARC cups please order same from any PARKA at AARC meetings or any time.

PARKAS are pleased to welcome any gals interested in ham radio at their meetings 7:30 PM at Grandview Gardens Library the second Tues. of the month.

## Alaska Microwave Labs

4335 E 5th Ave  
Anchorage, Alaska 99504

### TRANSISTORS

MRF 901	FT 4 5GHZ	\$3 00
BFR 80	FT 5 0GHZ	\$3 00
NEC 02137	FT 4 5GHZ	\$3 25
NEC 64535	FT 8 5GHZ	\$19 00
NF 2 0 DB MAG 15DB at 2 0GHZ		

100% WARRANTED ON SEMI CONDUCTORS

### HOT CARRIER DIODES

MBD 101	UHF-MICROWAVE	\$1 50
ND 4131	4GHZ NF-5 75 DB	\$13 25
	4GHZ NF-6 50 DB	\$2 00

### CHIP CAPACITORS

10 47, 100 1000 PI	\$ 50
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### TEFLON CIRCUIT BOARD

Approx 3 5' x 5 0' x .010	\$5 00
Approx 3 5' x 5 0' x .032	\$6 00

### FEED-THRU CAPACITORS

500 PI	\$ 50
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### DUAL-GATE MOSFET

RCA 40673	\$1 50
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VISA

master charge

COD VISA and MASTERCARD

ALL ORDERS ARE POST PAID

PHONE - 907-338-0340

NOTICE THE AD THIS PAGE. WITH THIS ISSUE WE ARE CHARGING 5 DOLLARS A QUARTER PAGE A MONTH FOR COMMERCIAL ADS. HAM ADS ARE STILL FREE.

### HELP

BOB MCKINNIE, KL7JKG, IS HEADING UP AN "ELMER" GROUP. "ELMER" IS THE NAME GIVEN TO HELPING HAMS. IF YOU CAN OFFER HELP, TECHNICAL, THEORY, ETC. OR IF YOU NEED HELP OF ANY KIND PLEASE CONTACT BOB. HIS PHONE NUMBERS ARE: HOME 337-6027, WORK 265-8671. THIS WILL BE A POINT OF CONTACT SET-UP. BOB WILL KEEP A ROSTER OF WHO NEEDS HELP, WHO CAN HELP AND MIX AND MATCH.

### CORRECTIONS

Please note the dates of the Fur Rondy Races. The Calendar on front page is correct. the dates on the check point roster are incorrect SHOULD BE: Friday Feb 15, Sat. 16th, Sunday Feb. 17th.

The UHF Repeater, KL7AA, 444.7/449.7 is also owned and maintained by the Anchorage Club. If there are any serious goof-ups, overlooks, etc. in this edition please - bear with us. Lucy had two helpers this time who are not the experts she is.

MAILING LABELS - BOB, KL7HIU, ONCE AGAIN HAS FURNISHED THE COMPUTER TIME, ENERGY, AND LABELS FOR ANCHORAGE AMATEUR RADIO CLUB MEMBERS. AMATEUR RADIO SUPPLY - SEATTLE, WASHINGTON - RAN THEIR COMPUTER THROUGH TO GIVE US THE LABELS OF ALL LICENSED AMATEURS IN THE ANCHORAGE AREA. SINCE OUR NEW BY-LAWS ONCE AGAIN LET US HAVE NON-HAM MEMBERS THERE ARE ALSO LABELS TO PERSONS INTERESTED IN AMATEUR RADIO.

THANKS - DICK & BOB!!!!!!!!!!!!

GE AMATEUR RADIO CLUB, INC.  
OX 1987  
GE, AK 99510

BULK RATE  
U S POSTAGE PAID  
ANCHORAGE, AK 99510  
PERMIT #223

STEWART RICHARD L  
3858 CARAVELLE DR  
ANCH AK 99502

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NOTICE THE AD THIS PAGE. WITH THIS PAGE WE ARE CHANGING  
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ANY KIND PLEASE CONTACT ROB. HIS PHONE NUMBERS ARE: HOME 337-4003, WORK 337-2003.  
THIS WILL BE A POINT OF CONTACT SET-UP. ROB WILL KEEP A REGISTER OF WHO NEEDS HELP  
WHO CAN HELP AND MAY AND MATCH.

### CORRECTIONS

Please note the dates of the Fair Radio Races. The Calendar on front page is correct.  
the dates on the check point corner are incorrect. SHOULD BE Friday Feb 12, Sat 13th,  
Sunday Feb 14th.

The 1987 Racecast, K7JAA, has 1987 is also owned and maintained by the Anchorage Club.  
It lists all our station call signs, frequencies, etc. in this publication. If you have  
any changes and the request that they are not the correct date.

Waiting Labels - Rob, K7JHH, once again has furnished the computer time, theory, and  
labels for Anchorage Amateur Radio Club members.  
Waiting Radio Supply - Seattle, Washington - Ran their computer program to give us  
the labels of all licensed amateurs in the Anchorage area. Since our new  
BY-LAWS once again let us have non-ham members there are also labels for  
persons interested in Amateur Radio.